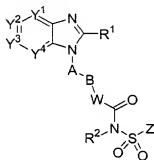


CLAIMS

1. A compound of the following formula:



(I)

- 5 or the pharmaceutically acceptable salts thereof, wherein
Y¹, Y², Y³ and Y⁴ are independently selected from N, CH or C(L);
R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, C₁₋₈ alkoxy, halo-substituted C₁₋₈ alkoxy, C₁₋₈ alkyl-S(O)m-, Q¹-, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl-C(=O)-N(R³)- or C₁₋₄alkyl-S(O)m-N(R³)-,
10 wherein said C₁₋₈ alkyl, C₂₋₈ alkenyl and C₂₋₈ alkynyl are optionally substituted with halo, C₁₋₃ alkyl, hydroxy, oxo, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphthyl, 1,2-dihydronaphthyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄alkyl-O-, Q¹-C₁₋₄alkyl-S(O)m-, Q¹-C₁₋₄alkyl-C(O)-N(R³)-, Q¹-C₁₋₄alkyl-N(R³)- or C₁₋₄alkyl-C(O)-N(R³)-;
15 Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄alkylC(=O)-, HO(O=)C-, C₁₋₄alkyl-O(O=)C-,
20 R³N(R⁴)C(=O)-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- or NH₂(HN=C-;
A is a 5-6 membered monocyclic aromatic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-6 membered monocyclic aromatic ring is optionally substituted with up to 3 substituents selected from halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄alkylthio, nitro, amino, mono- or
25 di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, acetyl, R³N(R⁴)C(=O)-, HO(O=)C-, C₁₋₄alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- and NH₂(HN=C-;

- Y¹, Y², Y³, and Y⁴ are independently selected from N, CH and C(L);
- R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, C₁₋₈ alkoxy, halo-substituted C₁₋₈ alkoxy, C₁₋₈ alkyl-S(O)m-, Q¹-, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl-C(=O)-N(R³)- or C₁₋₄alkyl-S(O)m-N(R³)-,
- 5 wherein said C₁₋₈ alkyl, C₂₋₈ alkenyl and C₂₋₈ alkynyl are optionally substituted with halo, C₁₋₃ alkyl, hydroxy, oxo, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphthyl, 1,2-dihydronaphthyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄ alkyl-O-, Q¹-C₁₋₄ alkyl-S(O)m-, Q¹-C₁₋₄alkyl-C(=O)-N(R³)-, or C₁₋₄alkyl-C(=O)-N(R³)-;
- 10 Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, HO(O=)C-, C₁₋₄ alkyl-O(O)C-,
- 15 R³N(R⁴)C(=O)-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- or NH₂(HN=)C-;
- A is a 5-6 membered monocyclic aromatic ring optionally containing up to 2 heteroatoms selected from O, N, and S, wherein said 5-6 membered monocyclic aromatic ring is optionally substituted with up to 2 substituents selected from halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy and halo-substituted C₁₋₄ alkoxy;
- 20 B is C₃₋₇ cycloalkylene or C₁₋₆ alkylene optionally substituted with an oxo group or C₁₋₃ alkyl; W is NH, N-C₁₋₄ alkyl, O or N-OH;
- R² is H or C₁₋₄ alkyl;
- Z is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄ alkenyl, hydroxy, C₁₋₄ alkoxy, nitro, amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, R³C(=O)N(R⁴)-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₁₋₄ alkyl-C(=O)NH-, Q²-S(O)m-, Q²-O-, Q²-N(R³)- or Q²-;
- 25 L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, mono- or di-(C₁₋₄ alkyl)amino, halo-substituted C₁₋₄ alkoxy, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄
- 30

alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)-, R³N(R⁴)C(=O)-, R³N(R⁴)S(O)m-, Q²-, Q²-C(=O)-, Q²-O-, Q²-C₁₋₄alkyl-O-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;

5 m is 0 or 2;

R³ and R⁴ are independently selected from H and C₁₋₄ alkyl; and

Q² is a 5-12 membered monocyclic or bicyclic aromatic ring, or a 8-12 membered tricyclic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl,

10 halo-substituted C₁₋₄ alkyl, C₁₋₄ alkenyl, C₁₋₄ alkynyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkyl-(O=C)-, R³(R⁴)C(=O)N-, HO(O=C)-, C₁₋₄ alkyl-O(O=C)-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl or C₁₋₄ alkyl-C(=O)NH-.

15 3. A compound according to Claim 2, wherein

Y¹, Y², Y³, and Y⁴ are independently selected from N, CH and C(L);

R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, Q¹-, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, amino, mono- or di-(C₁₋₈ alkyl)amino, wherein said C₁₋₈ alkyl is optionally substituted with halo, C¹⁻³ alkyl, hydroxy, oxo, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋

20 7 cycloalkyl-, cyano, indanyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, Q¹-C(O)-, Q¹-O-, Q¹-S-, Q¹-C₁₋₄ alkyl-O-, or C₁₋₄alkyl-C(O)-N(R³)-;

Q¹ is a 5-12 membered monocyclic aromatic ring optionally containing up to 4 heteroatoms selected from N and S, and is optionally substituted with halo, C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl and C₁₋₄ alkylC(=O)-;

25 A is 5-6 membered monocyclic aromatic ring optionally substituted with halo, C₁₋₄ alkyl or C₁₋₄ alkoxy;

B is C₃₋₇ cycloalkylene or C₁₋₆ alkylene optionally substituted with an oxo group or C₁₋₃ alkyl; W is NH, N-C₁₋₄ alkyl, O or N-OH;

R² is H or C₁₋₄ alkyl;

30 Z is 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄

alkenyl, C₁₋₄ alkoxy, nitro, amino, cyano, R³C(=O)N(R⁴)-, C₁₋₄ alkyl-O(O=)C-, Q²-S(O)m-, Q²-O-, Q²-N(R³)- or Q²-;

L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O)-, HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)-, R³N(R⁴)C(=O)-, R³N(R⁴)S(O)m-, Q²-, Q²-C(=O)-, Q²-O-, Q²-C₁₋₄alkyl-O-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;

10 m is 0 or 2;

R³ and R⁴ are independently selected from H and C₁₋₄ alkyl; and

Q² is a 5 or 6 membered monocyclic aromatic ring, or a 8-12 membered tricyclic ring containing up to 3 heteroatoms selected from N and S, wherein said 5 or 6 membered monocyclic aromatic ring is optionally substituted with halo.

15 4. A compound according to Claim 3, wherein

Y¹, Y², Y³ and Y⁴ are independently selected from N, CH and C(L);

R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl or C₃₋₇ cycloalkyl, wherein said C₁₋₈ alkyl is optionally substituted with halo, C₁₋₃ alkyl, hydroxy, oxo, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, Q¹-

20 C(=O)-, Q¹-O-, Q¹-S-, Q¹-C₁₋₄ alkyl-O-, or C₁₋₄alkyl-C(O)-N(R³)-;

Q¹ is a 5 or 6 membered monocyclic aromatic ring optionally containing up to 4 heteroatoms selected from N and S;

A is 5-6 membered monocyclic aromatic ring system optionally substituted with halo or C₁₋₄ alkyl;

25 B is or C₃₋₇ cycloalkylene or C₁₋₆ alkylene optionally substituted with an oxo group or C₁₋₃ alkyl;

W is NH, N-C₁₋₄ alkyl, O or N-OH;

R² is H or C₁₋₄ alkyl;

30 Z is 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄ alkenyl, C₁₋₄ alkoxy, nitro, amino, cyano, R³C(=O)N(R⁴)-, C₁₋₄ alkyl-O(O=)C-, Q²-S(O)m-,

Q²-O-, Q²-N(R³)- or Q²-;

L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkylsulfonyl, aminosulfonyl, C₁₋₄ alkylC(=O), HO(O=)C-, C₁₋₄ alkyl-O(O=)C-, C₁₋₄ alkylsulfonylamino, C₃₋₇ cycloalkyl, R³C(=O)NR⁴-, R³N(R⁴)C(=O)-, R³N(R⁴)S(O)m-, Q²-, Q²-C(=O)-, Q²-O-, Q²-C₁₋₄alkyl-O-, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;
m is 0 or 2;

R³ and R⁴ are independently selected from H and C₁₋₄ alkyl; and

- 10 Q² is 5 or 6 membered monocyclic aromatic ring or a 8-12 membered tricyclic ring optionally containing 1 sulfur atom wherein said 5 or 6 membered monocyclic aromatic ring is optionally substituted with halo.

5. A compound according to Claim 4, wherein

Y¹, Y², Y³ and Y⁴ are independently selected from N, CH and C(L);

- 15 R¹ is C₁₋₅ alkyl or C₃₋₇ cycloalkyl, wherein said C₁₋₅ alkyl is optionally substituted with C₁₋₃ alkyl, hydroxy, oxo, pyrrolidinyl, piperidyl, oxopyrrolidinyl, oxopiperidyl, Q¹-, or C₁₋₄alkyl-C(O)-N(H)-;

Q¹ is 5-12 membered monocyclic aromatic ring system optionally containing up to 2 heteroatoms selected from N and S,

- 20 A is 5-6 membered monocyclic aromatic ring system;
B is C₁₋₃ alkylene optionally substituted with C₁₋₃ alkyl;
W is NH, N-C₁₋₂ alkyl or O;

R² is H;

Z is 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from N and S, wherein said 5-12 membered monocyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, nitro, R³C(=O)N(R⁴)- or Q²-;

L is halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, cyano, HO-C₁₋₄ alkyl, acetyl, R³N(R⁴)C(=O)-, R³N(R⁴)S(O)m-, Q²-, Q²-C(=O)-, or two adjacent L groups are joined together to form a methylenedioxy group;

- 30 R³ and R⁴ are independently selected from H and C₁₋₄ alkyl; and

Q² is 5 or 6 membered monocyclic aromatic ring system.

6. A compound according to Claim 5, wherein

Y¹, Y², Y³ and Y⁴ are independently selected from N, CH and C-L;

R¹ is C₁₋₅ alkyl optionally substituted with C₁₋₃ alkyl, hydroxy, oxo, 5 or 6 membered monocyclic aromatic ring, wherein said 5 or 6 membered monocyclic aromatic ring is containing 1 or 2 heteroatoms selected from N and S, or C₁₋₄alkyl-C(O)-N(R³)-;

A is phenyl;

- 5 B is C₁₋₂ alkylene optionally substituted with methyl;

W is NH, N-CH₃ or O;

R² is H;

- Z is 5-10 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from N and S, wherein said 5-10 membered monocyclic aromatic ring is optionally substituted with chloro, bromo, methyl, nitro, CH₃C(=O)NH-, tBuC(=O)NH- or phenyl; and
- 10 L is chloro, methyl, trifluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂, trifluoromethoxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.

- 15 7. A compound according to Claim 6, wherein

Y¹, Y², Y³ and Y⁴ are independently selected from N, CH and C-L;

R¹ is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, neopentyl, thiazolyethyl methylamino, dimethylamino, pyrrolidinyl, pyridyl, or 1-acetylamino-1-methylethyl;

A is phenyl;

- 20 B is ethylene or propylene;

W is NH, N-CH₃ or O;

R² is H;

- Z is phenyl, pyrazolyl, thiazolyl, thiadiazolyl, thienyl, naphthyl or benzothienyl, said phenyl, pyrazolyl, thiazolyl, thiadiazolyl and thienyl being optionally substituted with one to three substituents independently selected from chloro, bromo, methyl, acetylamino, pivaloylamino, nitro and phenyl; and
- 25

L is chloro, methyl, trifluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂, trifluoromethoxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.

- 30 8. A compound according to Claim 7, wherein

Y¹, Y², Y³ and Y⁴ are selected from the group consisting of

a) Y¹ and Y³ are C(L), Y² is CH and Y⁴ is N;

b) Y¹ is CH, Y² and Y³ are C(L) and Y⁴ is N;

c) Y¹, Y² and Y³ are C(L) and Y⁴ is N;

- d) Y¹ and Y³ are C(L), Y² is N and Y⁴ is CH;
 e) Y¹ is C(L) and Y², Y³ and Y⁴ are CH;
 f) Y¹, Y³ and Y⁴ are CH, and Y² is C(L);
 g) Y¹, Y² and Y³ are CH, and Y⁴ is C(L);
 5 h) Y¹ and Y² are C(L), and Y³ and Y⁴ are CH;
 i) Y¹ and Y³ are C(L), and Y² and Y⁴ are CH;
 j) Y¹ and Y⁴ are CH, and Y² and Y³ are C(L);
 k) Y¹ and Y² are CH, Y³ is C(L) and Y⁴ is N;
 l) Y¹ and Y³ are CH, Y² is C(L) and Y⁴ is N;
 10 m) Y¹, Y², Y³ and Y⁴ are CH;
 n) Y¹ and Y² are C(L), Y³ is CH and Y⁴ is N;
 o) Y¹, Y² and Y⁴ are CH, and Y³ is C(L);
 p) Y¹ and Y² are C(L), Y³ is N and Y⁴ is CH;
 q) Y¹ and Y³ are C(L), and Y² and Y⁴ are N;
 15 r) Y¹ is C(L), Y² and Y³ are CH, and Y⁴ is N; and
 s) Y² is C(L), Y¹ and Y³ are CH, and Y⁴ is N;
 R¹ is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, neopentyl, thiazolyethyl methylamino, dimethylamino, pyrrolidinyl, pyridyl, or 1-acetylamino-1-methylethyl;
 A is phenyl;
 20 B is ethylene or propylene;
 W is NH, N-CH₃ or O;
 R² is H;
 Z is phenyl, pyrazolyl, thiazolyl, thiadiazolyl, thienyl, naphthyl or benzothieryl, said phenyl, pyrazolyl, thiazolyl, thiadiazolyl and thienyl being optionally substituted with one to three
 25 substituents independently selected from chloro, bromo, methyl, acetylamino, pivaloylamino, nitro and phenyl; and
 L is chloro, methyl, trifluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂, trifluoromethoxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups are joined together to form a methylenedioxy group.
 30 9. A compound according to Claim 8, wherein
 Y¹, Y², Y³ and Y⁴ are selected from the group consisting of
 a) Y¹ and Y³ are C(L), Y² is CH and Y⁴ is N;
 b) Y¹ is CH, Y² and Y³ are C(L) and Y⁴ is N;

- c) Y¹, Y² and Y³ are C(L) and Y⁴ is N;
d) Y¹ and Y³ are C(L), Y² is N and Y⁴ is CH;
e) Y¹ is C(L) and Y², Y³ and Y⁴ are CH;
f) Y¹, Y³ and Y⁴ are CH, and Y² is C(L);
5 g) Y¹, Y² and Y³ are CH, and Y⁴ is C(L);
h) Y¹ and Y² are C(L), and Y³ and Y⁴ are CH;
i) Y¹ and Y³ are C(L), and Y² and Y⁴ are CH;
j) Y¹ and Y⁴ are CH, and Y² and Y³ are C(L);
R¹ is methyl, ethyl, n-propyl, isopropyl, n-butyl, isobutyl, neopentyl, thiazolyethyl methylamino,
10 dimethylamino, pyrrolidinyl, pyridyl, or 1-acetylamino-1-methylethyl;
A is phenyl;
B is ethylene or propylene;
W is NH, N-CH₃ or O;
R² is H;
15 Z is phenyl, pyrazolyl, thiazolyl, thiadiazolyl, thienyl, naphthyl or benzothienyl, said phenyl,
pyrazolyl, thiazolyl, thiadiazolyl and thienyl being optionally substituted with one to three
substituents independently selected from chloro, bromo, methyl, acetylamino, pivaloylamino,
nitro and phenyl; and
L is chloro, methyl, trifluoromethyl, hydroxy, methoxy, cyano, acetyl, -C(=O)NH₂,
20 trifluoromethoxy, methanesulfonyl, or 1-hydroxy-1-methyl-ethyl, or two adjacent L groups
are joined together to form a methylenedioxy group.
10. A compound according to Claim 1 selected from
3-(4-{2-[[(((5-chloro-1,3-dimethyl-1H-pyrazol-4-yl)sulfonyl]amino)carbonyl)amino]ethyl}phenyl)
-2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridine;
25 3-(4-{2-[[(((2,4-dimethyl-1,3-thiazol-5-yl)sulfonyl]amino)carbonyl)amino]ethyl}phenyl)-2-ethyl-
5,7-dimethyl-3H-imidazo[4,5-b]pyridine;
N-[5-[[(((2-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)phenyl]ethyl)amino)carbonyl]
amino)sulfonyl]-1,3,4-thiadiazol-2-yl]acetamide;
6-ethyl-5-(4-{2-[[(((4-methylphenyl)sulfonyl]amino)carbonyl)amino]ethyl}phenyl)-5H-
30 [1,3]dioxolo[4,5-f]benzimidazole;
6-chloro-5-cyano-2-ethyl-1-(4-{2-[[(((4-methylphenyl)sulfonyl]amino)carbonyl)amino]
ethyl}phenyl)-1H-benzimidazole;
2-ethyl-5,7-dimethyl-3-(4-{2-[methyl[[(((4-methylphenyl)sulfonyl]amino)carbonyl)amino]
ethyl}phenyl)-3H-imidazo[4,5-b]pyridine;
35 2-ethyl-5,7-dimethyl-3-(4-{2-[[(((4-methylphenyl)sulfonyl]amino)carbonyl)amino]

- propyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 2-[4-(2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridin-3-yl)phenyl]-1-methylethyl (4-methylphenyl)sulfonylcarbamate;
 5,7-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-2-propyl-3*H*-imidazo[4,5-*b*]pyridine;
 2-isopropyl-5,7-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 2-butyl-5,7-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 2-isobutyl-5,7-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 5,7-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-2-neopentyl-3*H*-imidazo[4,5-*b*]pyridine;
 5,7-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-2-[2-(1,3-thiazol-2-yl)ethyl]-3*H*-imidazo[4,5-*b*]pyridine;
 3-{4-[2-[[[(4-biphenylsulfonyl)amino]carbonyl]amino]ethyl]phenyl}-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-5,7-dimethyl-3-(4-{2-[[[(1-naphthylsulfonyl)amino]carbonyl]amino]ethyl]phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-5,7-dimethyl-3-(4-{2-[[[(2-naphthylsulfonyl)amino]carbonyl]amino]ethyl]phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-5,7-dimethyl-3-(4-{2-[[[(2-thienyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-[[[(5-chloro-2-thienyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-[[[(4,5-dichloro-2-thienyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 3-{4-[2-[[[(1-benzothien-2-ylsulfonyl)amino]carbonyl]amino]ethyl]phenyl}-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-[[[(2-chlorophenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-5,6-dimethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 5,6-dichloro-2-ethyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 5-chloro-2-ethyl-7-methyl-3-(4-{2-[[[(4-methylphenyl)sulfonyl]amino]carbonyl]amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;

- 3*H*-imidazo[4,5-*b*]pyridine;
n-[4-(((2-[4-(2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridin-3-yl)phenyl]ethyl)amino)carbonyl]amino)sulfonyl]phenyl]-2,2-dimethylpropanamide;
 3-(4-{2-((((3-chlorophenyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-2-ethyl-5,7-dimethyl-
 5 3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-((((3-chlorophenyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-((((5-chloro-2-thienyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 10 3-(4-{2-((((5-bromo-2-thienyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-((((2-bromophenyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-((((4-chloro-3-nitrophenyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 15 2-[4-(2-ethyl-4,6-dimethyl-1*H*-imidazo[4,5-*c*]pyridin-1-yl)phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;
 2-[4-{5,7-dimethyl-2-(methylamino)-3*H*-imidazo[4,5-*b*]pyridin-3-yl}phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;
 20 *N*-[[(2-[4-{5,7-dimethyl-2-(methylamino)-3*H*-imidazo[4,5-*b*]pyridin-3-yl}phenyl)ethyl)amino]carbonyl]-4-methylbenzenesulfonamide;
N-[[(2-[4-{2-ethyl-5-(1-hydroxy-1-methylethyl)-1*H*-benzimidazol-1-yl}phenyl)ethyl)amino]carbonyl]-4-methylbenzenesulfonamide;
 2-ethyl-4,6-dimethyl-1-(4-{2-((((4-methylphenyl)sulfonyl]amino)carbonyl]amino)ethyl}phenyl)-
 25 1*H*-benzimidazole-5-carboxamide;
 2-[4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl]ethyl (2-chlorophenyl)sulfonylcarbamate;
 2-[5-[6-chloro-2-ethyl-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]-2-pyridinyl]ethyl (4-methylphenyl)sulfonylcarbamate;
 30 2-[4-[6-chloro-2-ethyl-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl]ethyl (5-methyl-2-pyridinyl)sulfonylcarbamate;
 2-[4-[6-chloro-2-(1*H*-pyrazol-3-yl)-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;
 2-[4-[6-chloro-2-(4-pyridinyl)-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;
 35 2-[4-[5-(aminocarbonyl)-6-chloro-2-ethyl-1*H*-benzimidazol-1-yl]phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;

11. A compound according to Claim 1 selected from
- 6-ethyl-5-(4-{2-(((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-5H-
[1,3]dioxolo[4,5-f]benzimidazole;
- 6-chloro-5-cyano-2-ethyl-1-(4-{2-(((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1H-benzimidazole;
- 2-[4-(2-ethyl-5,7-dimethyl-3H-imidazo[4,5-b]pyridin-3-yl)phenyl]-1-methylethyl (4-

- methylphenyl)sulfonylcarbamate;
 5,7-dimethyl-3-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-2-{2-(1,3-thiazol-2-yl)ethyl}-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-5,7-dimethyl-3-(4-{2-((((2-thienyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 3-(4-{2-((((2-chlorophenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-2-ethyl-5,7-dimethyl-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-5,6-dimethyl-3-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 5,6-dichloro-2-ethyl-3-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-3*H*-imidazo[4,5-*b*]pyridine;
 2-ethyl-4,6-dimethyl-1-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1*H*-imidazo[4,5-*c*]pyridine;
 5-methoxy-2-ethyl-3-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)benzimidazole;
 5-acetyl-2-ethyl-3-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)benzimidazole;
 5-cyano-2-ethyl-1-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1*H*-benzimidazole;
 2-ethyl-5-hydroxy-1-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1*H*-benzimidazole;
 2-ethyl-4,5-dimethyl-1-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1*H*-benzimidazole;
 4-(6-chloro-2-ethyl-5-trifluoromethyl-1*H*-benzimidazol-1-yl)phenethyl-(4-methylphenyl)sulfonylcarbamate;
 6-chloro-2-ethyl-1-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1*H*-benzimidazole-5-carboxamide;
 2-[4-(2-ethyl-4,6-dimethyl-1*H*-imidazo[4,5-*c*]pyridin-1-yl)phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;
 2-[4-[5,7-dimethyl-2-(methylamino)-3*H*-imidazo[4,5-*b*]pyridin-3-yl]phenyl]ethyl (4-methylphenyl)sulfonylcarbamate;
N-((((2-[4-[5,7-dimethyl-2-(methylamino)-3*H*-imidazo[4,5-*b*]pyridin-3-yl]phenyl]ethyl)amino)carbonyl)-4-methylbenzenesulfonamide;
N-((((2-[4-[2-ethyl-5-(1-hydroxy-1-methylethyl)-1*H*-benzimidazol-1-yl]phenyl]ethyl)amino)carbonyl)-4-methylbenzenesulfonamide;
 2-ethyl-4,6-dimethyl-1-(4-{2-((((4-methylphenyl)sulfonyl)amino)carbonyl)amino}ethyl)phenyl)-1*H*-benzimidazole-5-carboxamide;

methylphenyl)sulfonylcarbamate;

2-{4-[2-[1-(acetylamino)-1-methylethyl]-6-chloro-5-(trifluoromethyl)-1*H*-benzimidazol-1-yl]phenyl}ethyl (4-methylphenyl)sulfonylcarbamate;

6-chloro-2-ethyl-1-(4-{2-[methyl{[[[4-methylphenyl]sulfonyl]amino}carbonyl]amino]

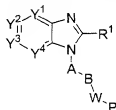
- 5 ethyl)phenyl)-1*H*-benzimidazole-5-carboxamide; and
salts thereof.

12. A pharmaceutical composition for the treatment of a disorder or condition mediated by prostaglandin in a mammal including a human, which comprises an effective amount of a compound of Claim 1, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.

13. A method for the treatment of a medical condition in which prostaglandins are implicated as pathogens, in a mammalian subject including a human, comprising administering to a mammal in need of such treatment an effective amount of a compound of Claim 1 and a pharmaceutically acceptable carrier.

14. A pharmaceutical formulation comprising a compound of Claim 1, a pharmaceutically acceptable carrier and, optionally, one or more other pharmacologically active ingredients.

15. A compound of the following formula:



(II)

- 20 or salts thereof

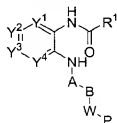
wherein Y¹, Y², Y³ and Y⁴ are independently selected from N, CH or C(L);

- R¹ is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, C₁₋₈ alkoxy, halo-substituted C₁₋₈ alkoxy, C₁₋₈ alkyl-S(O)m-, Q¹-, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl-C(=O)-N(R³)- or C₁₋₄alkyl-S(O)m-N(R³)-, wherein said C₁₋₈ alkyl, C₂₋₈ alkenyl and C₂₋₈ alkynyl are optionally substituted with halo, C₁₋₃ alkyl, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphthyl, 1,2-dihydronaphthyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄alkyl-O-, Q¹-C₁₋₄alkyl-S(O)m-, Q¹-C₁₋₄alkyl-C(O)-N(R³)-, Q¹-C₁₋₄alkyl-N(R³)- or C₁₋₄alkyl-C(O)-N(R³)-;

- 30 Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁₋₄ alkyl,

- halo-substituted C_{1-4} alkyl, hydroxy, C_{1-4} alkoxy, halo-substituted C_{1-4} alkoxy, C_{1-4} alkylthio, nitro, amino, mono- or di- $(C_{1-4}alkyl)amino$, cyano, $HO-C_{1-4}alkyl$, $C_{1-4}alkoxy-C_{1-4}alkyl$, $C_{1-4}alkylsulfonyl$, aminosulfonyl, $C_{1-4}alkylC(=O)-$, $HO(O=)C-$, $C_{1-4}alkyl-O(O=)C-$, $R^3N(R^4)C(=O)-$, $C_{1-4}alkylsulfonylamino$, $C_{3-7}cycloalkyl$, $R^3C(=O)N(R^4)-$ or $NH_2(HN=)C-$;
- 5 A is a benzene ring optionally substituted with up to 3 substituents or pyridine ring optionally substituted with up to 3 substituents, wherein said substituents selected from halo, $C_{1-4}alkyl$, halo-substituted $C_{1-4}alkyl$, hydroxy, $C_{1-4}alkoxy$, halo-substituted $C_{1-4}alkoxy$, $C_{1-4}alkylthio$, nitro, amino, mono- or di- $(C_{1-4}alkyl)amino$, cyano, $HO-C_{1-4}alkyl$, $C_{1-4}alkoxy-C_{1-4}alkyl$, $C_{1-4}alkylsulfonyl$, aminosulfonyl, acetyl, $R^3N(R^4)C(=O)-$, $HO(O=)C-$, $C_{1-4}alkyl-O(O=)C-$, $C_{1-4}alkylsulfonylamino$, $C_{3-7}cycloalkyl$, $R^3C(=O)N(R^4)-$ and $NH_2(HN=)C-$;
- 10 B is $C_{2-6}alkylene$, $C_{3-7}cycloalkylene$, $C_{2-6}alkenylene$, or $C_{2-6}alkynylene$ optionally substituted with $C_{1-3}alkyl$;
- W is NH or O;
- P is H, a protecting group, or $Q^3-OC(=O)-$;
- 15 Q^3 is a 6-10 membered monocyclic or bicyclic aromatic ring optionally substituted with halo, $C_{1-4}alkyl$, $C_{1-4}alkoxy$, $C_{1-4}alkylthio$, nitro, cyano, $C_{1-4}alkylsulfonyl$, $C_{1-4}alkylC(=O)-$, $HO(O=)C-$, or $C_{1-4}alkyl-O(O=)C-$;
- L is halo, $C_{1-4}alkyl$, halo-substituted $C_{1-4}alkyl$, hydroxy, $C_{1-4}alkoxy$, halo-substituted $C_{1-4}alkoxy$, $C_{1-4}alkylthio$, nitro, amino, mono- or di- $(C_{1-4}alkyl)amino$, cyano, $HO-C_{1-4}alkyl$, $C_{1-4}alkoxy-C_{1-4}alkyl$, $C_{1-4}alkylsulfonyl$, aminosulfonyl, $C_{1-4}alkylC(=O)-$, $HO(O=)C-$, $C_{1-4}alkyl-O(O=)C-$, $C_{1-4}alkylsulfonylamino$, $C_{3-7}cycloalkyl$, $R^3C(=O)N(R^4)-$, $NH_2(HN=)C-$, $R^3N(R^4)C(=O)-$ or $R^3N(R^4)S(O)m-$, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon atoms are optionally replaced by oxygen atoms;
- 20 m is 0, 1 or 2; and
- R^3 and R^4 are independently selected from H and $C_{1-4}alkyl$.

16. A compound of the following formula:



(III)

or salts thereof

wherein Y^1 , Y^2 , Y^3 and Y^4 are independently selected from N, CH or C(L);

R^1 is H, C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₃₋₇ cycloalkyl, C₁₋₈ alkoxy, halo-substituted

- 5 C₁₋₈ alkoxy, C₁₋₈ alkyl-S(O)m-, Q¹-, amino, mono- or di-(C₁₋₈ alkyl)amino, C₁₋₄alkyl-C(=O)-N(R³)- or C₁₋₄alkyl-S(O)m-N(R³)-, wherein said C₁₋₈ alkyl, C₂₋₈ alkenyl and C₂₋₈ alkynyl are optionally substituted with halo, C₁₋₃ alkyl, C₁₋₄ alkoxy-, C₁₋₄ alkyl-S(O)m-, C₃₋₇ cycloalkyl-, cyano, indanyl, 1,2,3,4-tetrahydronaphthyl, 1,2-dihydronaphthyl, Q¹-, Q¹-C(=O)-, Q¹-O-, Q¹-S(O)m-, Q¹-C₁₋₄alkyl-O-, Q¹-C₁₋₄alkyl-S(O)m-, Q¹-C₁₋₄alkyl-C(O)-N(R³)-, Q¹-C₁₋₄alkyl-N(R³)- or C₁₋₄alkyl-C(O)-N(R³)-;

- 10 Q¹ is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 4 heteroatoms selected from O, N and S, and is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonfyl, aminosulfonfyl, C₁₋₄alkylC(=O)-, HO(O)=C-, C₁₋₄alkyl-O(O)=C-, R³N(R⁴)C(=O)-, C₁₋₄ alkylsulfonfylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- or NH₂(HN)=C-;

- 15 A is a benzene ring optionally substituted with up to 3 substituents or pyridine ring optionally substituted with up to 3 substituents, wherein said substituents selected from halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄ alkylsulfonfyl, aminosulfonfyl, acetyl, R³N(R⁴)C(=O)-, HO(O)=C-, C₁₋₄alkyl-O(O)=C-, C₁₋₄ alkylsulfonfylamino, C₃₋₇ cycloalkyl, R³C(=O)N(R⁴)- and NH₂(HN)=C-;

- 20 B is C₂₋₆ alkylene, C₃₋₇ cycloalkylene, C₂₋₆ alkenylene, or C₂₋₆ alkynylene optionally substituted with C₁₋₃ alkyl;

- 25 W is NH or O;

P is H, a protecting group, or Z-S(O)₂-N(R²)-C(=O)-;

Z is a 5-12 membered monocyclic or bicyclic aromatic ring optionally containing up to 3 heteroatoms selected from O, N and S, wherein said 5-12 membered monocyclic or bicyclic aromatic ring is optionally substituted with halo, C₁₋₄ alkyl, halo-substituted C₁₋₄ alkyl, C₁₋₄

- 30 alkenyl, C₁₋₄ alkynyl, hydroxy, C₁₋₄ alkoxy, halo-substituted C₁₋₄ alkoxy, C₁₋₄ alkylthio, nitro, amino, mono- or di-(C₁₋₄ alkyl)amino, cyano, HO-C₁₋₄ alkyl, C₁₋₄ alkoxy-C₁₋₄alkyl, C₁₋₄

alkylsulfonyl, aminosulfonyl, $C_{1-4}alkylC(=O)-$, $R^3C(=O)N(R^4)-$, $HO(O=)C-$, $C_{1-4}alkyl-O(O=)C-$, $C_{1-4} alkylsulfonylamino$, $C_{3-7} cycloalkyl$, $NH_2(HN=)C-$, $Q^2-S(O)m-$, Q^2-O- , $Q^2-N(R^3)-$ or Q^2- ;

- 5 L is halo, $C_{1-4} alkyl$, halo-substituted $C_{1-4} alkyl$, hydroxy, $C_{1-4} alkoxy$, halo-substituted $C_{1-4} alkoxy$, $C_{1-4} alkylthio$, nitro, amino, mono- or di- $(C_{1-4} alkyl)amino$, cyano, $HO-C_{1-4} alkyl$, $C_{1-4} alkoxy-C_{1-4}alkyl$, $C_{1-4} alkylsulfonyl$, aminosulfonyl, $C_{1-4}alkylC(=O)-$, $HO(O=)C-$, $C_{1-4}alkyl-O(O=)C-$, $C_{1-4} alkylsulfonylamino$, $C_{3-7} cycloalkyl$, $R^3C(=O)N(R^4)-$, $NH_2(HN=)C-$, $R^3N(R^4)C(=O)-$ or $R^3N(R^4)S(O)m-$, or two adjacent L groups are optionally joined together to form an alkylene chain having 3 or 4 members in which one or two (non-adjacent) carbon
- 10 atoms are optionally replaced by oxygen atoms;
m is 0, 1 or 2; and
 R^2 , R^3 , and R^4 are independently selected from H and $C_{1-4} alkyl$.